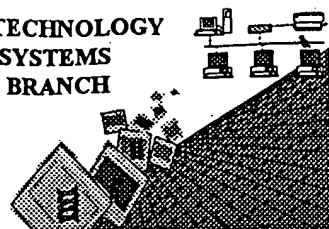


RAW SEQUENCE LISTING ERROR REPORT

1644
BIOTECHNOLOGY
SYSTEMS
BRANCH



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APR 05 2002

TECH CENTER 1600/2900

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/237,981A
Source: 1600
Date Processed by STIC: 4/11/02

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

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U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Does Not Comply
Corrected Diskette Needed

1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/237,981A

DATE: 04/01/2002

TIME: 15:23:11

Input Set : A:\EP.txt

Output Set: N:\CRF3\04012002\I237981A.raw

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

3 <110> APPLICANT: Quertermous, Thomas.
4 Hogan, Brigid
5 Snodgrass, Ralph H
6 Zupancic, Thomas J
8 <120> TITLE OF INVENTION: Antibodies Binding to Polypeptides Encoded by
Developmentally-Regulated
9 Endothelial Cell Locus-1
11 <130> FILE REFERENCE: 238/300
13 <140> CURRENT APPLICATION NUMBER: US 09/237,981A
14 <141> CURRENT FILING DATE: 1999-01-25
16 <150> PRIOR APPLICATION NUMBER: US 08/659,235
17 <151> PRIOR FILING DATE: 1996-06-05
19 <160> NUMBER OF SEQ ID NOS: 31
21 <170> SOFTWARE: PatentIn version 3.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 85
25 <212> TYPE: PRT
26 <213> ORGANISM: mouse
28 <220> FEATURE:
29 <221> NAME/KEY: MISC_FEATURE
30 <222> LOCATION: (16)..(17)
31 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-8
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35 <221> NAME/KEY: MISC_FEATURE
36 <222> LOCATION: (84)..(85)
37 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-8
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43 1 5 10 15
W--> 46 Xaa Ala Lys Asp Phe Gly Asp Val Leu Phe Val Gly Ser Tyr Lys Leu
47 20 25 30
50 Ala Tyr Ser Asn Asp Gly Glu His Trp Met Val His Gln Asp Glu Lys
51 35 40 45
54 Gln Arg Lys Asp Lys Val Phe Gln Gly Asn Phe Asp Asn Asp Thr His
55 50 55 60
58 Arg Lys Asn Val Ile Asp Pro Pro Ile Tyr Ala Arg Phe Ile Arg Ile
59 65 70 75 80
W--> 62 Leu Pro Leu Xaa Xaa
63 85
66 <210> SEQ ID NO: 2
67 <211> LENGTH: 85
68 <212> TYPE: PRT
69 <213> ORGANISM: Homo sapiens
71 <220> FEATURE:

RAW SEQUENCE LISTING

DATE: 04/01/2002

PATENT APPLICATION: US/09/237,981A

TIME: 15:23:11

Input Set : A:\EP.txt

Output Set: N:\CRF3\04012002\I237981A.raw

72 <221> NAME/KEY: MISC_FEATURE
73 <222> LOCATION: (16)..(17) *Some error*
74 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-8
77 <220> FEATURE:
78 <221> NAME/KEY: MISC_FEATURE
79 <222> LOCATION: (84)..(85)
80 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-8
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86 1 5 10 15
W--> 89 Xaa Ala Arg Asn Phe Gly Ser Val Gln Phe Val Ala Ser Tyr Lys Val
90 20 25 30
93 Ala Tyr Ser Asn Asp Ser Ala Asn Trp Thr Glu Tyr Gln Asp Pro Arg
94 35 40 45
97 Thr Gly Ser Ser Lys Val Phe Gln Gly Asn Leu Asp Asn Asn Ser His
98 50 55 60
101 Lys Lys Asn Ile Phe Glu Lys Pro Phe Met Ala Arg Tyr Val Arg Val
102 65 70 75 80

W--> 105 Leu Pro Val Xaa Xaa
106 85
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111 <212> TYPE: PRT
112 <213> ORGANISM: Homo sapiens
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116 <222> LOCATION: (16)..(17) *Some error*
117 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-8

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122 <222> LOCATION: (84)..(85)
123 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-8

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126 <400> SEQUENCE: 3

W--> 128 Asp Leu Leu Lys Ile Lys Lys Ile Thr Ala Ile Ile Thr Gln Gly Xaa
129 1 5 10 15
W--> 132 Xaa Cys Lys Ser Leu Ser Ser Glu Met Tyr Val Lys Ser Tyr Thr Ile
133 20 25 30
136 His Tyr Ser Glu Gln Gly Val Glu Trp Lys Pro Tyr Arg Leu Lys Ser
137 35 40 45
140 Ser Met Val Asp Lys Ile Phe Glu Gly Asn Thr Asn Thr Lys Gly His
141 50 55 60
144 Val Lys Asn Phe Phe Asn Pro Pro Ile Ile Ser Arg Phe Ile Arg Val
145 65 70 75 80

W--> 148 Ile Pro Lys Xaa Xaa
149 85
152 <210> SEQ ID NO: 4
153 <211> LENGTH: 85
154 <212> TYPE: PRT
155 <213> ORGANISM: mouse

RAW SEQUENCE LISTING

DATE: 04/01/2002

PATENT APPLICATION: US/09/237,981A

TIME: 15:23:11

Input Set : A:\EP.txt

Output Set: N:\CRF3\04012002\I237981A.raw

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159 <222> LOCATION: (16)..(17)
160 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-
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163 <220> FEATURE:
164 <221> NAME/KEY: MISC_FEATURE
165 <222> LOCATION: (43)..(44)
166 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-
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171 <222> LOCATION: (77)..(85)
172 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-
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175 <400> SEQUENCE: 4
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178 1 5 10 15
W--> 181 Xaa Val Lys Ser Leu Phe Thr Ser Met Phe Val Lys Glu Phe Leu Ile
182 20 25 30
W--> 185 Ser Ser Ser Gln Asp Gly His His Trp Thr Xaa Xaa Gln Ile Leu Tyr
186 35 40 45
189 Asn Gly Lys Val Lys Val Phe Gln Gly Asn Gln Asp Ser Ser Thr Pro
190 50 55 60
W--> 193 Met Met Asn Ser Leu Asp Pro Pro Leu Leu Thr Arg Xaa Xaa Xaa Xaa
194 65 70 75 80
W--> 197 Xaa Xaa Xaa Xaa Xaa
198 85
201 <210> SEQ ID NO: 5
202 <211> LENGTH: 85
203 <212> TYPE: PRT
204 <213> ORGANISM: Xenopus
206 <220> FEATURE:
207 <221> NAME/KEY: MISC_FEATURE
208 <222> LOCATION: (43)..(44)
209 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-
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212 <400> SEQUENCE: 5
214 Asp Leu Glu Asn Leu Arg Phe Val Ser Gly Ile Gly Thr Gln Gly Ala
215 1 5 10 15
218 Ile Ser Lys Lys Thr Lys Lys Lys Tyr Phe Val Lys Ser Tyr Lys Val
219 20 25 30
W--> 222 Asp Ile Ser Ser Asn Gly Glu Asp Trp Ile Xaa Xaa Thr Leu Lys Gly
223 35 40 45
226 Asp Asn Lys His Leu Val Phe Thr Gly Asn Thr Asp Ala Thr Asp Val
227 50 55 60
230 Val Tyr Arg Pro Phe Ser Lys Pro Val Ile Thr Arg Phe Val Arg Leu
231 65 70 75 80
234 Arg Pro Val Thr Trp
235 85
238 <210> SEQ ID NO: 6
239 <211> LENGTH: 85
240 <212> TYPE: PRT

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/237,981A

DATE: 04/01/2002

TIME: 15:23:12

Input Set : A:\EP.txt

Output Set: N:\CRF3\04012002\I237981A.raw

241 <213> ORGANISM: Xenopus
 243 <220> FEATURE:
 244 <221> NAME/KEY: MISC_FEATURE
 245 <222> LOCATION: (16)..(17)
 246 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-
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 257 <222> LOCATION: (83)..(85)
 258 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-
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 264 1 5 10 15
 W--> 267 Xaa Gly Lys His Lys Glu Asn Lys Val Phe Met Arg Lys Phe Lys Ile
 268 20 25 30
 271 Gly Tyr Ser Asn Asn Gly Thr Glu Trp Gly Met Ile Met Asp Ser Ser
 272 35 40 45
 275 Lys Asn Lys Pro Lys Thr Phe Glu Gly Asn Thr Asn Tyr Asp Thr Pro
 276 50 55 60
 W--> 279 Glu Leu Arg Thr Phe Xaa Ala His Ile Thr Thr Gly Phe Ile Arg Ile
 280 65 70 75 80
 W--> 283 Ile Pro Xaa Xaa Xaa
 284 85
 287 <210> SEQ ID NO: 7
 288 <211> LENGTH: 85
 289 <212> TYPE: PRT
 290 <213> ORGANISM: Homo sapiens
 292 <220> FEATURE:
 293 <221> NAME/KEY: MISC_FEATURE
 294 <222> LOCATION: (16)..(18)
 295 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-
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 299 <221> NAME/KEY: MISC_FEATURE
 300 <222> LOCATION: (21)..(21)
 301 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-
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 305 <221> NAME/KEY: MISC_FEATURE
 306 <222> LOCATION: (43)..(47)
 307 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-
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 311 <221> NAME/KEY: MISC_FEATURE
 312 <222> LOCATION: (85)..(85)
 313 <223> OTHER INFORMATION: Placeholder used in the sequence comparison of SEQ.ID.NOS.1-
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316 <400> SEQUENCE: 7

W--> 318 Gly Cys Glu Val Pro Arg Thr Phe Met Cys Val Ala Leu Gln Gly Xaa
319 1 5 10 15

RAW SEQUENCE LISTING

DATE: 04/01/2002

PATENT APPLICATION: US/09/237,981A

TIME: 15:23:12

Input Set : A:\EP.txt

Output Set: N:\CRF3\04012002\I237981A.raw

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W--> 322 Xaa Xaa Arg Gly Xaa Asp Ala Asp Gln Trp Val Thr Ser Tyr Lys Ile
      323          20          25          30
W--> 326 Arg Tyr Ser Leu Asp Asn Val Ser Trp Phe Xaa Xaa Xaa Xaa Xaa Glu
      327          35          40          45
      330 Tyr Arg Asp Gly Ala Ala Ile Thr Gly Val Thr Asp Arg Asn Thr Val
      331          50          55          60
      334 Val Asn His Phe Phe Asp Thr Pro Ile Arg Ala Arg Ser Ile Ala Ile
      335 65          70          75          80
W--> 338 His Pro Leu Thr Xaa
      339          85
342 <210> SEQ ID NO: 8
343 <211> LENGTH: 85
344 <212> TYPE: PRT
345 <213> ORGANISM: Artificial sequence
347 <220> FEATURE:
348 <223> OTHER INFORMATION: consensue sequence of SEQ.ID.NOS.1-7
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353 <223> OTHER INFORMATION: nonconsensus sequence of SEQ.ID.NOS.1-7
356 <220> FEATURE:
357 <221> NAME/KEY: MISC_FEATURE
358 <222> LOCATION: (16)..(18)
359 <223> OTHER INFORMATION: nonconsensus sequence of SEQ.ID.NOS.1-7
362 <220> FEATURE:
363 <221> NAME/KEY: MISC_FEATURE
364 <222> LOCATION: (20)..(25)
365 <223> OTHER INFORMATION: nonconsensus sequence of SEQ.ID.NOS.1-7
368 <220> FEATURE:
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370 <222> LOCATION: (28)..(28)
371 <223> OTHER INFORMATION: nonconsensus sequence of SEQ.ID.NOS.1-7
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383 <223> OTHER INFORMATION: nonconsensus sequence of SEQ.ID.NOS.1-7
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395 <223> OTHER INFORMATION: nonconsensus sequence of SEQ.ID.NOS.1-7
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/237,981A

DATE: 04/01/2002

TIME: 15:23:13

Input Set : A:\EP.txt

Output Set: N:\CRF3\04012002\I237981A.raw

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L:62 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:222 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
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L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:338 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
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L:1461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
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L:1817 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31